## **Product Information**

## **AVENO FS Excellence FE 5W-20**

0002-000040



## Description

AVENO FS Excellence FE 5W-20 is a synthetic smooth-running engine oil for petrol and diesel car engines with or without turbocharging and direct injection. AVENO FS Excellence FE 5W-20 is characterized by its excellent cold starting properties, minimization of fuel consumption, friction and wear. Thanks to significant fuels savings AVENO FS Excellence FE 5W-20 contributes to the protection of the environment due to its reduction of emissions.

## Instructions for use

AVENO FS Excellence FE 5W-20 is an energy-efficient engine oil for year-round use, and is ideal for all modern petrol and diesel car engines.

Quality classification			
Specification			
• API SN/CF		• ACEA C5	
ILSAC GF-5			
Approval			
• Ford WSS-M2C948-B		• Jaguar Land Rover STJLR.03.5004	
Recommendation			
• Ford WSS-M2C945-B1		• Chrysler MS-6395	
• Ford WSS-M2C960-A		• Fiat 9.55535-CR1	
• GM dexos 1™: 2015 (gen 2)			
Properties			
• Fuel savings under all operating conditions		<ul> <li>Excellent cold starting properties, even at low temperatures</li> </ul>	
<ul> <li>Very good detergent and dispersing properties</li> </ul>		<ul> <li>Extensive protection against wear, corrosion and foaming</li> </ul>	
Neutrality towards sealants		<ul> <li>Extended oil change intervals protect natural resources</li> </ul>	
Low evaporation, thus low oil consumption		• No oil-dependent deposits in combustion chambers, in the piston ring area or on valves	
Technical specifications			
Properties	Data	Unit	Testing under
Kinematic Viscosity at 40°C	44,0	mm²/s	DIN 51659-2:2017-02
Kinematic Viscosity at 100°C	8,3	mm²/s	DIN 51659-2:2017-02
Viscosity Index	168		DIN ISO 2909:2004-08
Appearance	YELLOWBROWN		VISUELL
Viscosity CCS at -30°C	3300	mpa*s	ASTM D 5293:2020
Density at 15°C	845	kg/m³	DIN EN ISO 12185:1997-11
Pour Point	-42	°C	ASTM D 7346:2015
Total Base Number (TBN)	7,8	mgkoh/g	ASTM D 2896:2015

Deutsche Ölwerke Lubmin GmbH | Freesendorfer Weg 4 | 17509 Lubmin | Phone +49 38354 / 179530 | Fax +49 38354 / 179579

Notice: To the best of our knowledge, all of the information provided was in accordance with the latest findings and developments of the Deutsche Ölwerke Lubmin GmbH. Our products are subject to continuous development. For this reason, our products, the manufacturing processes and all related information on this product page are subject to change at any time and without notice, unless customer-specific agreements exist. The data listed are based on standardized test procedures under appropriate laboratory conditions and are to be regarded as general, non-binding reference values.